REMARKS/ARGUMENTS

I. Status of Claims

- · Claims 1-7 and 10-13 are canceled.
- Claims 8, 9, and 14-20 are withdrawn.
- Claims 21-35 are new.
- · Claim 21 is the only Independent Claim.
- Claims 1-7 and 10-13 are rejected under 35 U.S.C. § 112, second paragraph, as being
 indefinite for failing to particularly point out and distinctly claim the subject matter
 which applicant regards as the invention.
- Claims 1, 2, 10, and 11 are rejected under 35 U.S.C. § 102(a) and 102(e) as being
 anticipated by Wagner et al. (U.S. Patent No. 6,329,209 B1, published Dec. 11, 2001
 and filed July 14, 1999) (hereinafter referred to as Wagner).
- Claims 1-4, 10, and 11 are rejected under 35 U.S.C. § 102(b) as being anticipated by Heller et al. (U.S. Patent No. 6,245,508 B1, June 12, 2001) (hereinafter referred to as Heller).
- Claims 3 and 4 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Wagner in view of Heller.
- Claim 5 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Wagner in view of Heller as applied to claims 3 and 4, and further in view of Bier (U.S. Patent No. 4,040,940, Aug. 9, 1977) (hereinafter referred to as Bier).
- Claim 5 is also rejected under 35 U.S.C. § 103(a) as being unpatentable over Heller in view of Bier.

Claim 6 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Wagner in

view of Baselt (U.S. Patent No. 5,981,297, Nov. 9, 1999) (hereinafter referred to as

Baselt).

• Claim 6 is also rejected under 35 U.S.C. § 103(a) as being unpatentble over Heller in

view of Baselt.

• Claims 7, 12, and 13 are rejected under 35 U.S.C. § 103(a) as being unpatentble over

Wagner in view of Baselt as applied to claim 6, and further in view of Smith et al.

(U.S. PG Publication No. US 2002/0001803 A1, published Jan. 3, 2002 and filed on

July 20, 1999) (hereinafter referred to as Smith).

• Claims 7, 12, and 13 are also rejected under 35 U.S.C. § 103(a) as being unpatentble

over Wagner in view of Baselt as applied to claim 6, and further in view of Smith.

II. Examiner Interview Summary

Applicants and their agent expressly thank Examiner for taking her time to have a phone

Examiner Interview at 10:30 AM on Thursday, September 18, 2008. Applicant Victor Morozov,

Agent David Yee, and Examiner Unsu Jung were present for the phone call.

In summary, Applicants faxed proposed draft claim amendments to Examiner Jung on

Wednesday, September 17, 2008. During the interview, Examiner stated that the faxed,

proposed draft claim amendments overcome all of the prior art cited in the June 20, 2008 office

action because none of the cited prior art teaches using two semi-permeable membranes.

In addition, some modifications were made to the faxed, proposed draft claim

amendments. Examiner Jung suggested that the faxed, proposed draft claim 21 appeared to be

missing a link (perhaps such as reversing a force) with respect to detecting analytes. Both

Examiner Jung and Applicant Morozov believe that including the removal of analytes that are

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unbound or weakly bound to the first probe molecules would suffice. Hence, faxed, proposed

draft claim 21 was modified as such.

Furthermore, the word "layer" was added after the word "surface" in the faxed, proposed

draft claim 33. Faxed, proposed draft claims 34 and 36 were deleted. The words ", creating a

microtiter plate" in the faxed, proposed draft claim 37 were deleted.

All of these modifications were acceptable to Examiner.

III. Response

A. The new Independent Claim 21 overcomes both Wagner and Heller.

Based on the September 18, 2008 Examiner Interview, the claim amendments overcome

Wagner for purposes of § 102(a) and 102(e), as well as Heller for purposes of § 102(b). See

supra § II; see also supra Amendments to the Claims. Support for the claim amendments can

be found, for example, in the Abstract, Figures 1-3, 8, 15, and 18-24 of the Specification, and

paragraphs [0054]-[0104] and Examples 7 (paragraphs [0238]-[049]), 8 (paragraph [0250]), and

11 (paragraphs [0255]-[0260]) of the Specification.

With Wagner and Heller overcome, Applicants respectfully request Examiner to

withdraw the § 102 rejections.

B. Because Wagner is overcome, Wagner cannot be combined with Heller, Bier,

Baselt and/or Smith.

With Wagner now overcome by the claim amendments, the § 103(a) rejections based on

any prior combination with Wagner are now moot. Hence, Applicants also respectfully request

Examiner to withdraw these § 103 rejections.

C. Because Heller is overcome, Heller cannot be combined with Bier, Baselt

and/or Smith.

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Similarly, with Heller now overcome by the claim amendments, the § 103(a) rejections

based on any prior combination with Heller are now moot. Hence, Applicants also respectfully

request Examiner to withdraw these § 103 rejections.

IV. Conclusion

If Examiner's next prior art search does not result in any prior art that can be used to

reject the amended claims, Applicants believe the amended independent claim and all their

dependent claims would be in condition for allowance. In such event, Applicants respectfully

request Examiner to allow the amended claims.

Should there are any outstanding issues that might be resolved by an interview or an

Examiner's Amendment, Applicants request that the Examiner call the Applicants' agent at the

telephone number shown below.

V. Deposit Account

Applicants hereby authorize the Commissioner to credit or debit any outstanding fees in

connection with this patent application using Deposit Account No. 50-3212.

Respectfully submitted,

/David Yee, Reg. No. 55,753/

David Yee, Registration No. 55,753

Date: September 18, 2008

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